

WHAT WE CLAIM IS:

1 A door opening/closing device for vehicle including a controlling means for controlling a vehicle door locking or unlocking operation by confirming a user's intent for locking or unlocking operation of the vehicle door, comprising:

a handle frame disposed at the vehicle door;

a handle member disposed at outside of the vehicle door and supported by the handle frame for operating opening or closing of the vehicle door;

a handle cap disposed at outside the vehicle door and supported with the handle frame;

a light decorative member provided at the handle cap;

a luminous member disposed at the handle frame and activated by the controlling means in response to the locking or unlocking condition of the vehicle door, and emitted light; and

a light guiding means disposed between the light decorative member and the luminous member and conducted the light activated by the controlling means from the luminous member to the light decorate member.

2. A door opening/closing device for vehicle according to claim 1, further comprising: a detecting means included in the controlling means for detecting a portable unit by communicating with the portable unit;

wherein the controlling means detects the user's intent for unlocking the vehicle door in response to the operation of the handle member by the user under a recognized condition that the portable unit approaches to the vehicle from outside of a vehicle compartment, and detects the user's intent for locking the vehicle door in response to the operation of the handle member under a recognized condition that the portable unit moves away from the inside of the vehicle compartment to outside of the vehicle.

3. A door opening/closing device for vehicle according to claim 2, further comprising a sensor electrode disposed in the handle member for detecting a touch of a user's body, wherein the controlling means detects the operation of the handle member with a condition that the sensor electrode detects the touching of a human body.

4. A door opening/closing device for vehicle according to claim 2, further comprising an operation switch disposed at the handle member, wherein the controlling means

detects the operation of the handle member with an operation of the operation switch.

5. A door opening/closing device for vehicle according to claim 1, wherein the controlling means continuously activates the luminous member when the controlling means detects one of the detecting of the user's intent for locking and the locking of the vehicle door, and intermittently activates the luminous member when the controlling means detects the other of the detecting of the user's intent for locking and the locking of the vehicle door.

6. A door opening/closing device for vehicle according to claim 2, wherein the controlling means continuously activates the luminous member when the controlling means detects one of the detecting of an approach of the portable unit from outside of the vehicle and the unlocking of the vehicle door, and wherein the controlling means intermittently activates the luminous member when the controlling means detects the other of the detecting of the approach of the portable unit from outside of the vehicle and the unlocking of the vehicle door.

7. A door opening/closing device for vehicle according to claim 2, wherein the controlling means continuously activates the luminous member when the controlling means detects one of the detecting of an movement of the portable unit from inside of the vehicle compartment to outside of the vehicle and the locking of the vehicle door, and wherein the controlling means intermittently activates the luminous member when the controlling means detects the other of the detecting of the movement of the portable unit from inside of the vehicle compartment to outside of the vehicle compartment and the locking of the vehicle door.

8. A door opening/closing device for vehicle according to claim 1, wherein the number of both the luminous member and the light guiding means connecting the luminous member and the light decorative member are plural number, and the controlling means activates different luminous members depending on locking or unlocking of the vehicle door.

9. A door opening/closing device for vehicle according to claim 1, wherein the luminous member includes plural luminous member having different properties, and the

controlling means activates different luminous members depending on locking or unlocking of the vehicle door.

10. A door opening/closing device for vehicle according to claim 1, wherein the luminous member includes two kinds of luminous members having different properties, the controlling means activates the luminous member having a first property when the controlling means detects one of the detecting of the user's intent for locking and the locking of the vehicle door, and wherein the controlling means activates the luminous member having a second property when the controlling means detects the other of one of the detecting of the user's intent for locking and the locking of the vehicle door.

11. A door opening/closing device for vehicle according to claim 2, wherein the luminous member includes two kinds of luminous members having different properties, the controlling means activates the luminous member having a first property when the controlling means detects one of the detecting the user's intent for locking and the locking of the vehicle door, and wherein the controlling means activates the luminous member having a second property when the controlling means detects the other of the detecting the approach of the portable unit from outside of the vehicle and the unlocking of the vehicle door.

12. A door opening/closing device for vehicle according to claim 2, wherein the luminous member includes two kinds of luminous members having different properties, the controlling means activates the luminous member having a first property when the controlling means detects one of the detecting movement of the portable unit from inside of the vehicle compartment to outside of the vehicle compartment and locking of the vehicle door, the controlling means activates the luminous member having a second property when the controlling means detects the other the detecting movement of the portable unit from inside of the vehicle compartment to outside of the vehicle compartment and the locking of the vehicle door.